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(54) Title: METHOD FOR OBTAINING A 2-18F-FLUOR-2-DEOXY-D-GLUCOSE (18F-FDG) - SOLUTION

(57) Abstract: The invention relates to a method for improving one or more physical/chemical characteristics, like reduced radiolysis of and the ability to autoclave, a 18F-fluor-deoxy-glucose (18F-FDG)-solution, which method comprises the steps of a) provision of a 18F-fluor-deoxy-glucose (18F-FDG)-solution, and b) addition of at least one buffer based on a weak acid to the 18F-fluor-deoxy-glucose (18F-FDG)-solution. The invention also relates to a method for preparing a sterile 18F-fluor-deoxy-glucose (18F-FDG)-solution by autoclaving said 18F-fluor-deoxy-glucose (FDG)-solution.

WO 03/090789 A1

